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Or

PINE CREST ORCHIDS



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Vincent J. Mueller, Mgr.

Phone 935-8769
7006 N. CLARK AVE.
TAMPA 4, FLORIDA

1963
CATALOG
of Plants & Supplies

BEGINNERS BARGAIN COLLECTION

BEGINNERS BARGAIN COLLECTION - 3 blooming size plants. These plants are selected for their ease of culture with the first attempt to grow orchids. Includes 1 hybrid Cattleya, 1 large white Phalaenopsis, 1 Oncidium. All plants potted or mounted on tree fern. Included with this offer is the illustrated book, YOU CAN GROW ORCHIDS by Mary Noble. This book will give all the cultural information on these plants and many others....

.....\$9.75

PHAIUS GRANDIFOLIUS

This is the best of the species. Easy growing, good looking plants with large plaited ever-green leaves producing 3 to 4 ft. flower spikes. Bearing numerous showy flowers about 4 in. across. Flowers have white sepals and petals with a reddish brown flush near the base. Lip is white with a golden yellow throat. The sides flushed with crimson. Flowers between December and May... Flowering size plants.....\$3.95

To flower one year later..... 1.95

PHAIUS GRAVESIAE (P. Grandifolius x P.

Wallichii) 3 to 4 ft. spikes of maroon flowers with purple lip. Flowers are 4 to 6 in. across and much more beautiful than its parents. A very easy to grow terrestrial type orchid.

Flowering size plant.....\$6.50

To flower one year later..... 3.25

CULTURE: Phaius are a terrestrial orchid. It grows well in a mixture of 1 part sandy loam 1 part well rotted cow manure and 1 part German peat moss. Use a 6 or 7 in. clay pot, enlarge the hole in bottom, put in pieces of broken pot to insure good drainage. Water regularly, don't leave the potting material dry. For best flowering give about 50% sun. The plants will stand a temperature down to 30° without any ill effects.

CATTLEYA CULTURE

POTTING:

Tree Fern or Fir Bark has been accepted by both beginners and professional orchid growers as the best growing medium for Cattleyas, Phalaenopsis, Cyripediums, Oncidiums, Miltonias, Odontoglossums, Vandas, Dendrobiums and many other varieties of orchids.

Osmunda is also very good, but it requires a skilled potter to pot it correctly. Watering is also a problem. It takes experience to know how often to water under varying conditions. Whereas, if fir bark or tree fern is used with good drainage, it is almost impossible to over water.

To repot, run a knife around the inside of the pot to loosen the roots that are sticking to the inside of the pot. The plant can then be pulled or pried out.

If you change potting material, all the old potting should be washed out, the dead roots removed, and the live ones trimmed to about 3 to 4 in. long. If you report in the same material, leave about a 3 in. ball around the front leads of the plant. This leaves some of the roots intact and the plant will reestablish itself sooner.

In the event all the roots are decayed, a rhizome pot clip must be used. It clips to the rim of the pot. The long end holding the plant in position till the new roots start to grow.

Select a pot large enough so there will be space in front of the lead for the plant to produce 2 new growths before it grows over the edge of the pot, at which time the plant must be divided and repotted again.

Enlarge the hole in the bottom of the pot by pecking the edges with a hammer or screwdriver. Place pieces of broken pot, (pot shreds) in the

bottom. If fir bark is used, soak in water and pack wet. Tree fern can be handled better if it is packed dry. Place a portion of material in the pot and pack tight. Hold the plant in position in the pot, filling and pack tight all around the roots. If the plant has no roots, fill the pot, pack it tight and clamp the plant on top of the material.

WATERING AND FERTILIZING -

When using fir bark or tree fern, water every day in the hot summer months, every 2 or 3 days in winter. Do not water on damp, rainy days. Always water before noon. This gives the plants a change to dry off before nightfall which is important in the control of fungus and rot.

Use a good liquid fertilizer. We recommend Atlas Fish Emulsion and 18-18-18 Orchid Plant Food used alternately every 2 weeks. Use just a little less than the directions call for, never more. Too much fertilizer can be very harmful. Always water well before fertilizing.

GROWING CONDITIONS -

The plants must not have direct sun. 25% to 35% is about right. Early morning and later afternoon will not harm the plants; between 9 am and 5 pm the plants must have filtered sun as would be filtered through a tree or lathhouse.

In the winter, the plants do not like it when the temperature falls below 50°, although they can stand temperatures down to freezing if it doesn't stay that cold too long.

PESTS -

The only pests that can do serious damage is scale and mealy bugs. Spray the plants about every 60 days with 50% Malathion and you should not have any trouble.

Snails and slugs sometimes cause trouble by damaging the root tips, new growth and the flowers. Buggetta Pellets scattered among the plants whenever infestation occurs will give good control. This new bait is harmless to the plants.

COMMERCIAL CATTLEYAS

(Grown exclusively from cut flowers)

These are large established plants proven for quality and quantity of blooms:

- P100 C. ELENOR ALBA (C. Gigas F.M.B.xHardyana
White with colored lip - very large
flowers. June bloomer.....\$15.00
- P101 C. ENID ALBA (mossiae R.x Gigas F.M.B.)
Exceptionally floriferous. Beautiful
large orchids with white sepals and
petals and mottled purple lip. Excell-
ent grower, a must for any collection
Winter bloomer....\$10.00 - \$25.00
- P102 C. ALICE PEARCE (Mossiae R. x Princess
Royal) White sepals and petals with
mossiae-type mottled labellum. Late
winter and early spring, good produc-
er.....\$10.00
- P103L C. ST. LOUIS
Exquisitely shaped 6 to 7 in. flower.
One of the loveliest of the winter
flowering hybrids. Dark lavender se-
pals and petals w/purple lip. Yellow
and red markings in throat. Very vig-
orous grower.....\$15.00-\$35.00
- P104L C. GEORGE BALDWIN (L.C. Princess Margar-
et x C. Enid) One of the choice well
known hybrids. Dark flowers, often
blooms twice a year in June, July and
again in December & January.....\$15.00
- P105 C. LAUKAHAKIA (C. Trianae x Mt. Royal)
Light lavender lip and yellow throat
Flowers in 5 to 6 in. across. Blooms in
January & February.....\$8.50

COMMERCIAL WHITES

- P106 C. JUANITA WONG (Henrietta Japhet x Bob Betts) A lovely, medium size, white, bearing many flowers to the stem. Winter to Spring.....\$10.00
- P107 C. FLORENCE PATTERSON (Rita Sladden x Clementine Goldfarb) One of the large whites for late winter and early spring. Very good producer and strong grower.\$12.50
- P108 C. MAGGIE BARTEL (Trantino x Mossiae Wagerni) Large white with just a whisper of yellow in the throat. Good form and texture. Blooms in April, May and June.\$15.00
- P109 C. IBIS
Large white with deep yellow in the throat. Very good producer, winter bloomer.\$10.00
- P110 C. BRIDAL BOUQUET (C. Henrietta Japhet x C. Wedding Day) Medium size white with yellow throat, generally 5 to 6 flowers to a spike. A very vigorous grower, November and December.....\$10.00
- P111 C. EASTER BONNET alba "May Day" x C. Albatross, "Hope". A large pure white heavy substance, excellent form. Many are good show quality. Blooming period April and May.....\$12.50
- P112 SPECIAL ON BLOOMING SIZE CATTLEYAS
All plants in fir bark or tree fern in excellent growing condition. All plants are very good hybrid crosses. Plants will be shipped out of pots. No packing charge.
All plants are offered on an assorted basis (50 varieties) assorted colors that will bloom year round. 1 to 12 plants....\$2.95 ea.
13 to 25 plants..5% discount; 26 plants up, 10% discount.

CATTLEYA SEEDLINGS

(That should flower within one year)

LC POMONA (C. Fabia x C. Marie Dobrott) A commercial cut flower cross for the winter-spring season. Should produce dark, large flowers of good substance and texture.....\$5.50

LC LLOYD WALLAR (LC. Boadicea x C. Dorothy Fried) Another fine commercial cross for August-September blooming. Both parents show very large flowers of round shape and good substance. We expect some fine things to come from this combination in lavender.....\$5.50

LC. MEMORIA ALBERT HEINICKE X ACLANDIAE....A novelty cross of first class. We hope to get a number of very unusual color combinations with the majority in the yellow and green tones. These flowers should be very long lasting and of that waxy substance. If you like experimental crosses in the very unusual. Here is your chance for a worthwhile gamble.....\$5.50

C. MOSSIAE WAGNERI X LC EASTER BONNET Alba A fine white for Easter and Mother's Day. Both parents are heavy producers of av. 4 flowers per stem. The progeny should show medium to large flowers of fine substance. For a good spring crop.....\$6.50

C WHITE GLORY (C. White Belle x C. Irene Alba FCC. RHS) Without question this has been our best seller. There has been many exhibition whites from this combination. The flowers are large, round with wide petals, with a short wide lip. A very vigorous growing plant.\$7.50

LC. MEMORIA ALBERT HEINICKE X LC. HARRIETTA A fine yellow with red lip. Two very outstanding parents. Should produce large heavy substance flowers, 3 to 4 per stem. May produce some orange or plumb colors. An attractive and important cross in a new color field. Spring and Summer bloomer.....\$5.50

WELL ESTABLISHED & GROWN FLOWERING SIZE

BURMESE ORCHIDS

These plants should be shipped

potted

AERIDES ODORATUM--Arching sprays of white flowers with amethyst blotch at base of spur. Very fragrant, spring bloomer.....	\$6.50
AERIDES MULTIFLORUM--1 in. flowers of deep rose having deeper spots on lip appearing on graceful sprays.....	\$6.50
AERIDES LAWRENCEAE--2 in. flowers of wax-like texture, white tipped with purple, autumn bloomer.....	\$7.25
AERIDES FIELDINGII--Nicknamed "Fox brush orchid" 100 or more dainty 1 in. flowers on a long arching stem, very showy, solid pink.....	\$7.50
AERIDES CRISPUM--Grows to 5 ft. tall, a multitude of 2 in. flowers, white with rosy purple lip, summer bloomer.....	\$6.25
CYPREPEDIUM INSIGNE--This is perhaps the most popular Cyperpedium among commercial flower growers and hobbyists, green with purple brown spots, a lovely, long lasting flowers, 5 in. across.....	\$3.95
DENDROBIUM FIMBRIATUM, var. Occulatum--drooping sprays of yellow flowers with round fringed lip.....	\$6.50
DENDROBIUM PRIMULINUM--One of our favorites. Large rose flowers with a white lip on pendulous stem.....	\$4.75
DENDROBIUM FORMOSUM var. Ginganteum--One of the finest of the white dendrobiums, flowers 5 in. across and long lasting.....	\$6.75
DENDROBIUM CREPIDATUM--Small rich pink flowers appearing from the nodes of the stem.....	\$2.75
DENDROBIUM AMOENUM--Richly colored 3 in. clowers of deep magenta. They are produced in pairs from the nodes of the stem.....	\$5.00

DENDROBIUM JENKINSII--A miniature 1 in. yellow flowers on 2 in. stems. Deep green, evergreen foliage.....	\$3.00
DENDROBIUM DENSIFLORUM--Orange yellow flowers about 2 in. across in dense grape like clusters	\$6.50
DENDROBIUM LODDIGESI--A miniature, small round rosy mauve flowers. Deep yellow fringed lip, very nice.....	\$2.50
DENDROBIUM AGGREGATUM MAJUS--A profusion of bright yellow flowers that dwarfs the plant when in bloom.....	\$7.25
RHYNCOSTYLIS RETUSA--St. robust plant, grows 2 ft. tall, pendulous 2 ft. long sprays, very densely flowered; flowers white spotted with amethyst purple, dark purple lip.....	\$7.75
SACCOLABIUM ACUTIFOLIUM--Small sprays of reddish orange flowers, plant dwarf in growth.....	\$6.00
SACCOLABIUM AMPULLECEUM--Plant about 7 in. tall, flowers on 8 in. long sprays, very deep purple.....	\$6.50
SACCOLABIUM CALCEOLARE--Plant stout with very short leathery leaves, flower spikes short, flowers green w/purple spots, rather long lasting..	\$6.00
SACCOLABIUM DASYPOGUM--Plant dwarf, about 5 in. tall with small sprays of yellow flowers.....	\$6.00
VANDA ROXBURGHII--A strap leaf vanda, flowers a perfect checkerboard of green and reddish brown.....	\$6.00
VANDA COERULEASCENS--A miniature vanda about 8 in. tall with bright blue flowers of from 6 to 12 in a cluster.....	\$6.00
VANDA CRISTATA--A strap leaf vanda bearing from 8 to 12 flowers to a spike yellow with orange spots.....	\$6.50
VANDA PARVIFLORA--A strap leaf vanda bearing numerous yellow orange flowers.....	\$6.00

- C1 - CYPRIPEDIUM MAUDIAE
Universal favorite, lovely mottled green foliate, fine green & white long stemmed flowers, warm growers.....\$3.95
- S1 - LAELIA ANCEPS
These plants are mounted on a mexican tree fern or cypress bark slab. Flowers are borne on long spikes of 2 or more flowers. Blooms twice a year, flowers are 3" across of a bright rose-lilac color. One of the easiest orchids to grow.....\$3.75
- S-2 BRASSOVOLA DIGBYANA
The Great Grandpappy of most of our present day hybrids. Large greenish white blooms w/huge fringed lip.
Blooming time - Spring.....\$6.50
- S3 - EPIDENDRUM MARIE
Short spikes bear 3 to 5 flowers about 3" across with a 3" lip of pure white. Petals are a bright green. Spring and Summer bloomer.....\$2.25
- S4 - ONCIDIUM CEBOLLETA
A terete type. Large sprays of small, brilliant yellow flowers w/maroon spots on the back, spring bloomer.....\$2.65
- S5 - ONCIDIUM SPHACELATUM
Small yellow flowers on long racemes. One plant will produce several hundred flowers. It is easy to grow and usually flowers for Mother's Day.....\$4.50
- S6 - LYCASTE AROMATIACA
Blooms are golden yellow, spotted w/orange and very fragrant. Blooms in early spring.
.....\$3.75
- S7 - EPIDENDRUM COCHLEATUM
This plant stays in bloom for months. As each blossom drops, new ones form on the tips. Sepals and petals are green & yellow twisted. Lip is a deep purple black, shaped like a shell. Blooming time, variable \$3.75

UNUSUAL SPECIES ORCHIDS

VANILLA PLAINFOLIA (The true vanilla vine)

These plants are the easiest of all orchids to grow. The flowers are chartreuse about 4 in. across and when hand pollinated will produce real vanilla beans. It is the only species cultivated commercially in Mexico and in many of the tropical islands to produce vanilla. Established in 4 in. pots on mexifern totum pole.....\$2.95

CATTLEYOPSIS LINDENI

This is a genus occurring in the Antillean region. The pseudobulb are small, ringed, gray green. The leaves are paired and about 5 in. long. The arching 3 ft. long flower spikes bear up to 12 flowers. The 2 in. flowers are a pale blush rose with large vivid rose lip, with waxy lines and a yellowish throat.

The cattleyopsis are warm growing. They delight in warmth and in quantities of sunshine. The roots should never be kept wet. For this reason they must be grown on a wood slab.

Strong adult plants established on cypress bark slab, with hanger.....\$5.75

EPIDENDRUM ODORATISSIMUM

Exceptional for its very pleasant perfume. It is native to the Bahama Islands. Flower spikes are about 2 ft. long, bearing a multitude of greenish yellow, 2 in. flowers. Established in 4 in. pot, in tree fern.....\$3.25

DENDROBIUM PLUMPTONENSE-A Noble type. Blooms in early spring. Produces quantities of bloom from the nodes. Blooms a rich lavender with a dark crimson blotch in the throat. Plants are very vigorous growers and are deciduous.

/.....\$5.50

ORCHID SUPPLIES

FERTILIZERS:

ATLAS FISH EMULSION FERTILIZER:

100% fish fertilizer made from sea going fish. It is a proven orchid food. It is also good for African violets, ferns and other exotic plants.

4 oz...39¢ Pint \$1.00 Quart \$1.90

HYGRO ORCHID PLANT FOOD:

An ideal fertilizer for orchids, completely soluble. Formula 18-18-18 provides excellent growth in bark or mexifern balanced to make good hard flowers and stem growth...1 lb. can.....\$1.49

HOZON:

A syphon attachment for a hose, used for applying liquid fertilizers.....\$2.25

BOOKS:

YOU CAN GROW ORCHIDS.....by Mary Noble

A new revised up-to-date edition of a popular handbook that is used by over 10,000 orchid growers. This book makes no get rich claims. It tells you the basic principles of orchid growing, which you can apply to your own climate, greenhouse, garden or home. Numerous illustrations, several in color, acquaint you with many fascinating varieties of the exotic orchid family. 152 pages, Kromekote Cover.....\$1.98

GARDENING IN A SMALL GREENHOUSE

Read this book before you buy or build a greenhouse or if you already own one. Information on construction, management, propagation, pests and plants, 236 pages, w/71 illustrations.....\$4.95

CORSAGE CRAFT...by Glad Reausch and Mary Noble...describes all types of corsage making illustrated w/photos and line drawings.....

.....\$4.95

ORCHID SUPPLIES

WATER BREAKER NOZZLE -

Puts out plenty of water without washing out soils or other potting materials.....\$1.60 ea.

COLORADO SPRINKLER -

A good all plastic fan type nozzle.....98¢ ea.

POT HANGERS -

Heavy No. 10 galvanized wire. Cannot slip.

Quantity	22" Double	17" Single
1 to 11	25¢	12½¢
12 to 99	20¢	10¢
100 to 499	17½¢	9¢
500 or over	15¢	8¢

POT CLIPS -

Very effective clip made to hold down the rhizome of plants potted in bark or Mexifern.

36¢ dozen.....\$2.50/100

STAKES -

Clamp on type. A must for tying up plants in bark or Mexifern....75¢ doz.....\$5.50/100

LABELS -

Plastic stick in type 5/8x4".....\$1.25/100
\$10/1000

GREEN TWINE, 4 ply for tying up plants

small ball 20¢.....800 yd. tube...98¢

BASKETS -

Cypress, ideal for vandas or large specimen plants. 6"-\$1, 8"-\$1.25, 10"-\$1.50, 12"-\$1.75

ORCHID TUBES, glass tubes, 3" with gum rubber caps....12/60¢, 100/\$3.50, 1000/\$2.60

POTTING MEDIA FOR ORCHIDS

SILVABARK, the best in fir bark; this is 100% bark and contains less wood than any other brand.

HOBBY BAG (enough for 4 to 6 plants).....\$1.25
2 cu.ft. bag..1 to 4 bags.....\$4.95 each
5 to 9 bags.....\$4.25 each
10 to 24 bags.....\$3.95 each

Medium or coarse grades

Note: When SILVABARK is shipped by truck or rail freight, 2 bags and often even 3 bags will travel for the same charge as 1 bag.

MEXIFERN - from Mexican Tree Fern:

Little chunks 1" to 2"...2 cu.ft. carton \$6.25
Shredder fiber.....2 cu.ft. carton \$6.25
Hobby bag, enough for 4 to 6 plants..... \$1.25
Diagonal cut slabs for mounting individual plants....large slabs approx. 6x12...85¢ each
or 4/\$3.00....small slabs approx. 3x5...29¢ ea.
or 4/\$1.00.

INSECTICIDES AND FUNGICIDES -

BUGGETTA PELLETS - good slug and snail bait,
1 lb. box....59¢; 2½ lb. box.....\$1.19

SLUGIT - Liquid spray for snails and slugs,
.....8 oz.....\$1.50

KELTHANE - a sure mite killer for all forms of mites.....4 oz...98¢ or 16 oz.....\$2.65

MALATHION - 50% emulsion, for scale and most insect control, 4 oz....\$1.19, 8 oz....\$1.89
and 16 oz....\$2.65

CHLORDANE DUST - 10% for ants on orchid plants and in green house.....1 lb.....69¢

CAPTAN (orthocide) an excellent control for fungus. Ideal for rubbing on the fresh cut when a plant is divided to prevent a fungus infection.....8 oz.....\$1.25.

CONDITIONS OF SALE

FLORIDA RESIDENTS: Please add the 3% Sales Tax to your remittance for all supplies and books.

TERMS: Remittance in full payment to accompany orders. Kindly enclose check, money order or bank draft. C.O.D. orders accepted.

SHIPPING: All orders are F.O.B. Tampa, Florida. We prefer to ship all large plants out of pot to lower the cost of shipping, particularly when the distance is great. Unless requested to ship plants in the pot, we will remove carefully and pack for safe delivery. There will be some plants that we may feel will be set back or damaged or caused to miss a blooming period if they are removed from the pot. These we feel will be worth the additional shipping cost to leave in the pot.

We are prepared to make shipments the year round in all types of weather. We use special types of wrappings in winter where shipments must go to cold climates. In addition, we check weather reports and hold shipments when very bad weather conditions exist at the destination.

Small orders are usually shipped via Parcel Post Collect as this is the cheapest. If you prefer, and you will send estimated postal charges with your remittance, you will save the service charges. Any overage will be refunded promptly.

All large orders will be shipped Railway Express Collect.

CLAIMS: Claims for losses must be filed immediately with the carrier. We are always glad to provide pertinent information so that your claim will be honored.

PINE CREST ORCHIDS
7006 N. CLARK AVE.
TAMPA 4, FLORIDA

Return Postage
Guaranteed

Throughout our entire career we have constantly tried to keep only the very best disease free plants, and have never offered any plants for sale that we would not be proud to own ourselves. Since the appearance of a plant does not indicate the quality of the expectant flower, it is important to deal with a reputable orchid grower. We endeavor to be honest with our customers and give a value equal or better than stated in our description.

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